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IMAGERY
ANALYSIS
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

25X1

DAIREN (LU-TA) SHIPYARD

DAIREN, CHINA

Declass Review by NIMA/DOD

25X1

25X1

CIA/PIR 67250

DATE APRIL 1966

COPY

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DAIREN (LU-TA) SHIPYARD

DAIREN, CHINA

25X1

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CIA/PIR-67250

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25X1

SHIPYARD : DAIREN (LU-TA) SHIPYARD
LOCATION : DAIREN, CHINA
GEO COORDS: 38-56N 121-39E



25X1

KEY TO ANNOTATIONS ON FIGURE 1

1. Berthing space previously occupied by a "G" Class SSB. This submarine was last seen in this position on [REDACTED] See annotation 12,

25X1

2. "R/W" Class SS (visible waterline length approx 250'). See annotation 11, [REDACTED]

3. Possible "S-1" Class SS (visible waterline length approx 250'). Broad beam and flat looking deck contribute to this evaluation. However, the specific differences between the "S-1" and the "R/W" such as slightly longer LOA, sail configuration, raked bow, and hatch ring placement can not be discerned. A portion of the after deck plating may be removed.

- 25X1 4. Merchant ship (LOA approx 430').

5. Five SHANGHAI Class PTF at fitting-out mole (LOA of each approx 130'). See annotation 8, [REDACTED]

25X1

6. GORDYY Class ODD (LOA approx 380'). The funnel has been completely removed from this vessel. See annotation 7, [REDACTED]

7. U.S. "LST-1" Class LST (LOA approx 330'). See annotation 10, [REDACTED]

8. Probable new class tanker (LOA approx 355'). This ship does not equate to any known class of tanker. She is however, very similar in appearance to the CHIEN SHE 9/CHIEN SHE 12 Class tanker, although after superstructure configuration and overall proportions vary slightly from that class. This is probably the same vessel identified as a 350' merchant ship which was observed on the southernmost building way on poor quality photography of [REDACTED] See annotation 1,

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9. Possible new class tanker under construction on building way (length of completed portion approx 280'). 25X1
The keel of this vessel was laid down after [] since this building way was occupied in early [] by a nearly completed probable sister ship approximately 350 feet in length. The completed portion of 25X1 this vessel equates to the probable new class tanker at annotation 8 above, and is probably of the same class. Both ships have a beam of approximately 50'. The bridge of each ship is in approximately the same position, and both ships are equipped with at least eight possible "butterworth openings" in identical locations (see Figure 3). The bow and stern sections have not been fitted; however, two objects equating to a probable bow section (length approximately 30') (annotation 6, Figure 2) and a probable stern section (length approximately 45') (annotation 5, Figure 2) were noted lying upside down at the head of the building way.
10. Three small yard craft in graving dock.
11. Thirteen SHANGHAI Class PTF under construction on building way (LOA of each approx 130'). See annotation 3, [] 25X1
12. Eight SHANGHAI Class PTF (LOA of each approx 130') and 2 tugboats/trawlers (LOA of each approx 140') under construction. Four SHANGHAI Class PTF major assemblies (two forward, two after) are located at the head of the building way (annotation 3, Figure 2). See annotation 2, []

NOTE: All measurements have been made by the CIA/IAD project analyst.

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DAIREN (LU-TA) SHIPYARD

DAIREN, CHINA
38-56N 121-39E

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11

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FIGURE 1

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25X1

SHIPYARD : DAIREN (LU-TA) SHIPYARD
LOCATION : DAIREN, CHINA
GEO COORDS: 38-56N 121-39E

25X1

KEY TO ANNOTATIONS ON FIGURE 2

1. SHANGHAI Class PTF "hull section assembly area" containing: six forward major assemblies, one forward mid-section, one aft mid-section, five after major assemblies, two stern sections, and one possible tugboat/ trawler hull section.
2. SHANGHAI Class PTF "hull section assembly area" containing: two forward mid-sections, one aft mid-section, and one after major assembly.
3. Four SHANGHAI Class PTF major assemblies (two forward, two after).
4. Possible new class tanker under construction (LOA of completed portion approx 280').
5. Possible stern section of vessel at annotation 4 above (length approx 45').
6. Possible bow section of vessel at annotation 4 above (length approx 30').

NOTE: (1) With this mission, a production flow can now be established for the construction of the SHANGHAI Class PTF at this shipyard. Each craft consists of four prefabricated sub-assemblies or sections - a bow section approximately 20' long, a forward mid-section approximately 40' long, an after mid-section approximately 40' long, and a stern section approximately 30' in length. These sub-assemblies are probably produced in the large fabrication building then moved to one of the two "hull section assembly areas" (annotations 1 and 2 above). In these areas the four sections are mated (bow to forward mid-section and stern to after mid-section) creating a "major assembly" prior to being placed on the building way for final assembly.

- (2) All measurements have been made by the CIA/IAD project analyst.

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38-56N 121-39E

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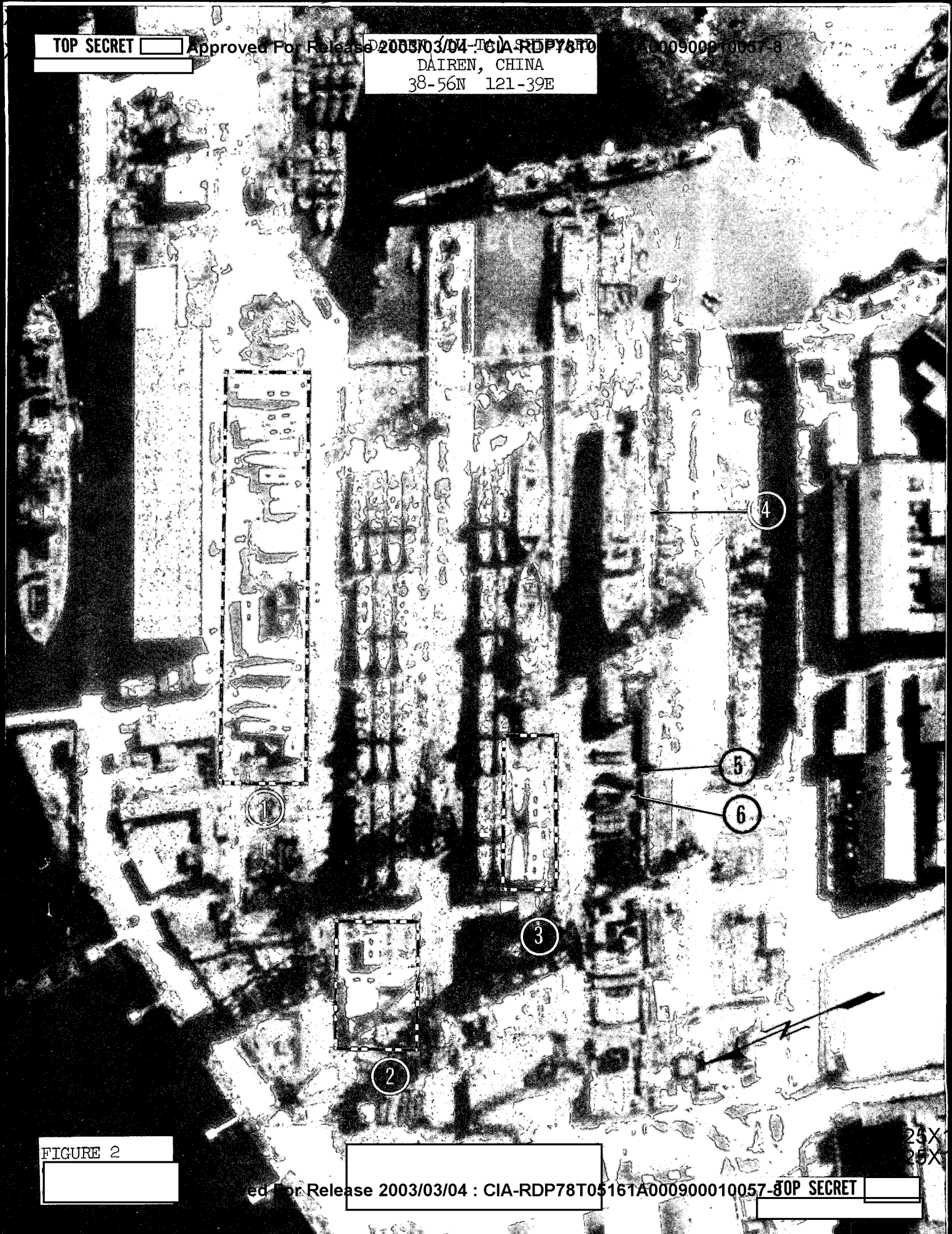


FIGURE 2

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64X ENLARGEMENT OF PROBABLE NEW CLASS TANKER
FITTING-OUT AT ANNOTATION 8, FIGURE 1

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25X1



POSSIBLE "BUTTERWORTH OPENINGS"



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64X ENLARGEMENT OF POSSIBLE NEW CLASS TANKER
UNDER CONSTRUCTION AT ANNOTATION 9, FIGURE 1

FIGURE 3

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